

L Number	Hits	S arch Text	DB	Time stamp
-	4	((("5427418") or ("2766999") r ("2766829") or ("5516158"))).PN.	USPAT	2002/08/10 21:12
-	5346	machin\$3 and swag\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/08/10 21:17
-	2913	(machin\$3 and swag\$3) and (pipe\$1 or tube\$1 or tubular)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/08/10 21:17
-	839	((machin\$3 and swag\$3) and (pipe\$1 or tube\$1 or tubular)) and ((29/\$.ccls.) or (285/\$.ccls.) or (72/\$.ccls.))	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/08/10 21:23
-	652	((((machin\$3 and swag\$3) and (pipe\$1 or tube\$1 or tubular)) and ((29/\$.ccls.) or (285/\$.ccls.) or (72/\$.ccls.))) and ((machin\$3 same (pipe\$1 or tube\$1 or tubular)) or (swag\$3 same (pipe\$1 or tube\$1 or tubular))))	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/08/10 21:21
-	502	(((((machin\$3 and swag\$3) and (pipe\$1 or tube\$1 or tubular)) and ((29/\$.ccls.) or (285/\$.ccls.) or (72/\$.ccls.))) and ((machin\$3 same (pipe\$1 or tube\$1 or tubular)) or (swag\$3 same (pipe\$1 or tube\$1 or tubular))) ) and (machin\$3 same (pipe\$1 or tube\$1 or tubular)))	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/08/10 21:19
-	570	(((((machin\$3 and swag\$3) and (pipe\$1 or tube\$1 or tubular)) and ((29/\$.ccls.) or (285/\$.ccls.) or (72/\$.ccls.))) and ((machin\$3 same (pipe\$1 or tube\$1 or tubular)) or (swag\$3 same (pipe\$1 or tube\$1 or tubular))) ) and ((swag\$3 same (pipe\$1 or tube\$1 or tubular)))	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/08/10 21:20
-	420	(((((machin\$3 and swag\$3) and (pipe\$1 or tube\$1 or tubular)) and ((29/\$.ccls.) or (285/\$.ccls.) or (72/\$.ccls.))) and ((machin\$3 same (pipe\$1 or tube\$1 or tubular)) or (swag\$3 same (pipe\$1 or tube\$1 or tubular))) ) and (machin\$3 same (pipe\$1 or tube\$1 or tubular))) and (((((machin\$3 and swag\$3) and (pipe\$1 or tube\$1 or tubular)) and ((29/\$.ccls.) or (285/\$.ccls.) or (72/\$.ccls.))) and ((machin\$3 same (pipe\$1 or tube\$1 or tubular)) or (swag\$3 same (pip \$1 or tube\$1 or tubular))) ) and ((swag\$3 sam (pipe\$1 r tube\$1 or tubular))) )	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/08/10 21:22

-	241	((((machin\$3 and swag\$3) and (pip \$1 or tube\$1 r tubular)) and ((29/\$.ccls.) or (285/\$.ccls.) or (72/\$.ccls.))) and ((ma hin\$3 sam (pip \$1 or tube\$1 or tubular)) r (swag\$3 same (pip \$1 r tub \$1 or tubular))) ) and (machin\$3 sam (pip \$1 r tube\$1 or tubular)) ) and (((machin\$3 and swag\$3) and (pipe\$1 or tube\$1 or tubular)) and ((29/\$.ccls.) or (285/\$.ccls.) or (72/\$.ccls.))) and ((machin\$3 same (pipe\$1 or tube\$1 or tubular)) or (swag\$3 same (pipe\$1 or tube\$1 or tubular))) ) and ((swag\$3 same (pipe\$1 or tube\$1 or tubular))) ) and (29/\$.ccls.)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/08/10 21:26
-	148	((((machin\$3 and swag\$3) and (pipe\$1 or tube\$1 or tubular)) and ((29/\$.ccls.) or (285/\$.ccls.) or (72/\$.ccls.))) and ((machin\$3 same (pipe\$1 or tube\$1 or tubular)) or (swag\$3 same (pipe\$1 or tube\$1 or tubular))) ) and (machin\$3 same (pipe\$1 or tube\$1 or tubular)) ) and (((machin\$3 and swag\$3) and (pipe\$1 or tube\$1 or tubular)) and ((29/\$.ccls.) or (285/\$.ccls.) or (72/\$.ccls.))) and ((machin\$3 same (pipe\$1 or tube\$1 or tubular)) or (swag\$3 same (pipe\$1 or tube\$1 or tubular))) ) and ((swag\$3 same (pipe\$1 or tube\$1 or tubular))) ) and (72/\$.ccls.)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/08/10 22:01
-	121	((((machin\$3 and swag\$3) and (pipe\$1 or tube\$1 or tubular)) and ((29/\$.ccls.) or (285/\$.ccls.) or (72/\$.ccls.))) and ((machin\$3 same (pipe\$1 or tube\$1 or tubular)) or (swag\$3 same (pipe\$1 or tube\$1 or tubular))) ) and (machin\$3 same (pipe\$1 or tube\$1 or tubular)) ) and (((machin\$3 and swag\$3) and (pipe\$1 or tube\$1 or tubular)) and ((29/\$.ccls.) or (285/\$.ccls.) or (72/\$.ccls.))) and ((machin\$3 same (pipe\$1 or tube\$1 or tubular)) or (swag\$3 same (pipe\$1 or tube\$1 or tubular))) ) and ((swag\$3 same (pipe\$1 or tube\$1 or tubular))) ) and (285/\$.ccls.)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/08/10 22:01
-	1	"5261705".PN.	USPAT	2002/08/10 22:37
-	161732	29/\$.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/09/04 14:02
-	81000	72/\$.c ls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/09/04 14:03

-	50010	285/\$.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/09/04 14:03
-	59343	403/\$.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/09/04 14:03
-	3115	(29/\$.ccls. or 72/\$.ccls. or 285/\$.ccls. or 403/\$.ccls.) and swag\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/09/04 14:04
-	1998	((29/\$.ccls. or 72/\$.ccls. or 285/\$.ccls. or 403/\$.ccls.) and swag\$3) and (pipe\$1 or tube\$1 or tubular)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/09/04 14:06
-	1661	((29/\$.ccls. or 72/\$.ccls. or 285/\$.ccls. or 403/\$.ccls.) and swag\$3) and (pipe\$1 or tube\$1 or tubular)) and (machin\$3 or chamfer\$3 or cut\$4 or sever\$3 or mill\$3 or grind\$3 or drill\$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/09/04 14:19
-	13	((("5427418") or ("2766999") or ("2766829") or ("0214804") or ("0859803") or ("5516158")).PN.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/09/04 14:23
-	3	((("4712815") or ("4373754") or ("4328982")).PN.	USPAT	2002/09/20 17:12
-	510	(285/333).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/09/20 17:14
-	340	(72/340).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/09/20 17:25
-	93	72/340.ccls. and (machin\$3 or mill\$3 or grind\$3 or chamfer\$3 or drill\$3 or swag\$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/09/20 17:28
-	12	(72/340.ccls. and (machin\$3 or mill\$3 or grind\$3 or chamfer\$3 or drill\$3 or swag\$3)) and swag\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/09/20 17:29
-	81	(72/340.ccls. and (machin\$3 or mill\$3 or grind\$3 or chamfer\$3 or drill\$3 or swag\$3)) not ((72/340.ccls. and (machin\$3 or mill\$3 or grind\$3 or chamfer\$3 or drill\$3 or swag\$3)) and swag\$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/09/20 17:29
-	5	((72/340.ccls. and (machin\$3 or mill\$3 or grind\$3 or chamfer\$3 or drill\$3 or swag\$3)) and swag\$3) and (pipe\$1 or tube\$1 or tubular)	USPAT; EP ; JPO; DERWENT; IBM_TDB	2002/09/20 17:30

-	30	((72/340.c ls. and (machin\$3 or mill\$3 or grind\$3 or chamf r\$3 or drill\$3 or wag\$3)) n t ((72/340.ccls. and (ma hin\$3 r mill\$3 r grind\$3 or chamf r\$3 or drill\$3 or swag\$3)) and swag\$3)) and (pipe\$1 or tube\$1 r tubular)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/09/20 17:31
-	246	((((((machin\$3 and swag\$3) and (pipe\$1 or tube\$1 or tubular)) and ((29/\$.ccls.) or (285/\$.ccls.) or (72/\$.ccls.))) and ((machin\$3 same (pipe\$1 or tube\$1 or tubular)) or (swag\$3 same (pipe\$1 or tube\$1 or tubular))) ) and (machin\$3 same (pipe\$1 or tube\$1 or tubular)) ) and (((((machin\$3 and swag\$3) and (pipe\$1 or tube\$1 or tubular)) and ((29/\$.ccls.) or (285/\$.ccls.) or (72/\$.ccls.))) and ((machin\$3 same (pipe\$1 or tube\$1 or tubular)) or (swag\$3 same (pipe\$1 or tube\$1 or tubular))) ) and ((swag\$3 same (pipe\$1 or tube\$1 or tubular))) ) and (29/\$.ccls.)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/13 17:20
-	2	("4838068").PN.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/13 17:22
-	5	("2154037"   "2211178"   "2494128"   "4373754"   "4753460").PN.	USPAT	2003/04/13 17:20
-	3	4838068.URPN.	USPAT	2003/04/13 17:21
-	256	(285/333,334,390,355).ccls. and (machin\$3 or swag\$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/13 17:40
-	16	((285/333,334,390,355).ccls. and (machin\$3 or swag\$3)) and (machin\$3 and swag\$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/13 17:37
-	23	((285/333,334,390,355).ccls. and (machin\$3 or swag\$3)) and (swag\$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/13 17:35
-	435	(285/332.3).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/13 17:36
-	34	285/332.3.ccls. and (machin\$3 or swag\$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/13 17:37
-	2	(285/332.3. cls. and (machin\$3 or swag\$3)) and (machin\$3 and swag\$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/13 17:37

-	32	(285/332.3.c ls. and (machin\$3 or swag\$3)) n t ((285/332.3.c ls. and (machin\$3 r swag\$3)) and (ma hin\$3 and swag\$3))	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/13 17:38
-	192	(403/343,353).ccls. and (ma hin\$3 or swag\$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/13 17:44
-	124	(((((machin\$3 and swag\$3) and (pipe\$1 or tube\$1 or tubular)) and ((29/\$.ccls.) or (285/\$.ccls.) or (72/\$.ccls.))) and ((machin\$3 same (pipe\$1 or tube\$1 or tubular)) or (swag\$3 same (pipe\$1 or tube\$1 or tubular))) ) and (machin\$3 same (pipe\$1 or tube\$1 or tubular)) ) and (((((machin\$3 and swag\$3) and (pipe\$1 or tube\$1 or tubular)) and ((29/\$.ccls.) or (285/\$.ccls.) or (72/\$.ccls.))) and ((machin\$3 same (pipe\$1 or tube\$1 or tubular)) or (swag\$3 same (pipe\$1 or tube\$1 or tubular))) ) and ((swag\$3 same (pipe\$1 or tube\$1 or tubular))) ) and (285/\$.ccls.)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/13 17:50
-	5556	machin\$3 and swag\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/10/15 16:48
-	3078	(machin\$3 and swag\$3) and (pipe\$1 or tube\$1 or tubular)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/10/15 16:50
-	1280	((machin\$3 and swag\$3) and (pipe\$1 or tube\$1 or tubular)) and (box or pin\$1)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/10/15 16:50
-	193	((((machin\$3 and swag\$3) and (pipe\$1 or tube\$1 or tubular)) and (box or pin\$1)) and (box and pin\$1)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/10/15 16:52
-	191	(((((machin\$3 and swag\$3) and (pipe\$1 or tube\$1 or tubular)) and (box or pin\$1)) and (box and pin\$1)) and (joint\$1 or join\$3 or connect\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/10/15 16:00
-	49	(((((machin\$3 and swag\$3) and (pipe\$1 or tube\$1 or tubular)) and (box or pin\$1)) and (box and pin\$1)) and (joint\$1 or join\$3 or connect\$4)) and ((29/\$.ccls.) or (72/\$.ccls.) or (285/\$.ccls.) or (403/\$.ccls.))	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/10/15 16:07
-	2	("6578880").PN.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/10/15 16:07

-	324	(machin\$3 same (pri r or before) same swag\$3)	USPAT; EP ; JPO; DERWENT; IBM_TDB	2003/10/15 16:49
-	186	((machin\$3 same (prior or befor ) same swag\$3)) and (pipe\$1 r tube\$1 r tubular)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/10/15 16:50
-	84	((((machin\$3 same (prior or before) same swag\$3)) and (pipe\$1 or tube\$1 or tubular)) and (box or pin\$1)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/10/15 16:50
-	12	(((((machin\$3 same (prior or before) same swag\$3)) and (pipe\$1 or tube\$1 or tubular)) and (box or pin\$1)) and (box and pin\$1)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/10/15 18:44
-	2	("5516158").PN.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/10/15 18:45